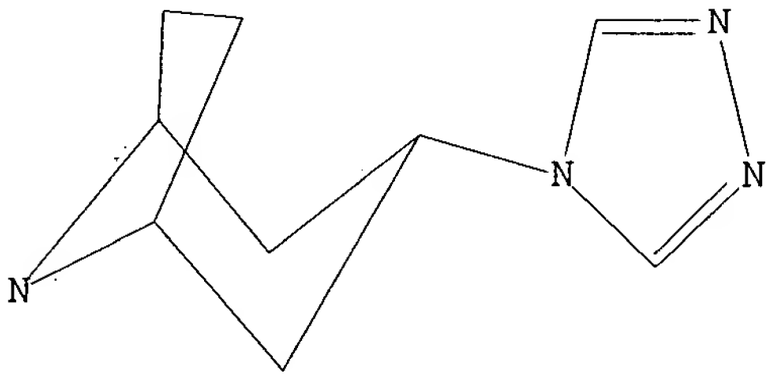
```
     (FILE 'HOME' ENTERED AT 12:12:44 ON 22 DEC 2001)

     FILE 'REGISTRY' ENTERED AT 12:12:51 ON 22 DEC 2001
L1                STRUCTURE UPLOADED
L2              0 S L1
L3             10 S L1 SSS FULL

     FILE 'CAPLUS' ENTERED AT 12:14:08 ON 22 DEC 2001
L4              1 S L3

     FILE 'MARPAT' ENTERED AT 12:14:53 ON 22 DEC 2001
L5              0 S L3
L6              7 S L3 SSS FULL

     FILE 'CAPLUS' ENTERED AT 12:15:43 ON 22 DEC 2001
L7              7 S L6
L8              7 S L7 NOT L4

     FILE 'BEILSTEIN' ENTERED AT 12:17:22 ON 22 DEC 2001
L9              0 S L1
L10             0 S L1 SSS FULL

=> d l1
L1 HAS NO ANSWERS
L1                STR
```



09/885950

=> d fbib abs hitstr

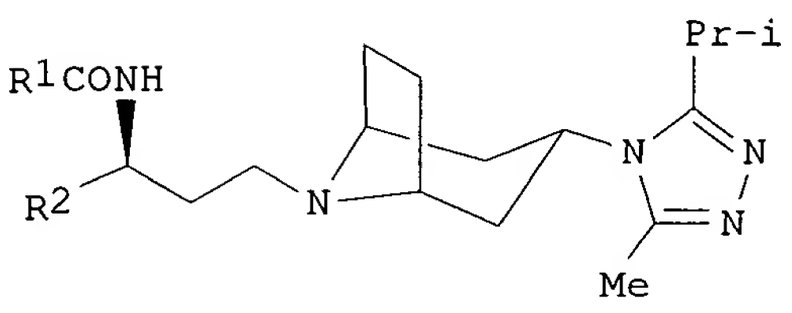
L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS
AN 2001:868452 CAPLUS
TI Preparation of therapeutic tropane derivatives
IN Perros, Manoussos; Price, David Anthony; Stammen, Blanda Luzia Christa; Wood, Anthony
PA Pfizer Limited, UK; Pfizer Inc.
SO PCT Int. Appl., 79 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001090106	A2	20011129	WO 2001-IB806	20010509

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

GB 2000-14046 A 20000526
GB 2000-15835 A 20000627

GI



I

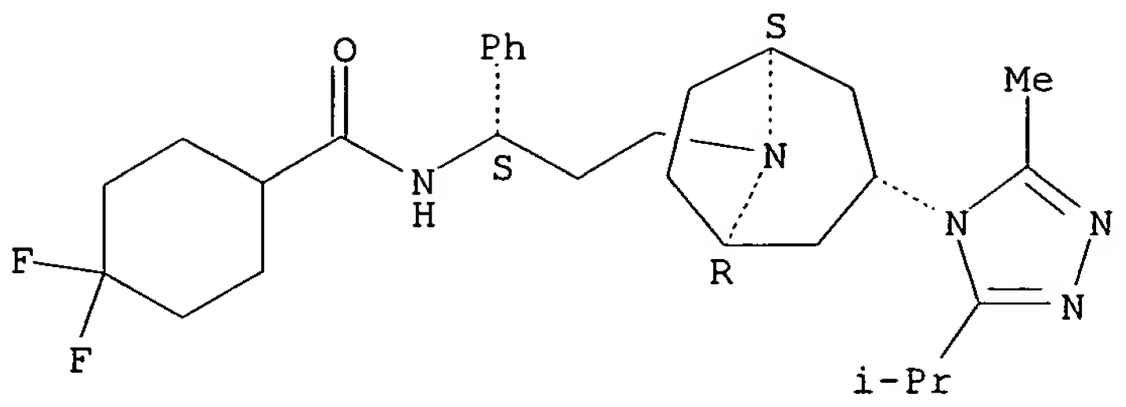
this appn

AB The tropanes I (R1 = C3-6 cycloalkyl optionally substituted by one or more fluorine atoms, C1-6 alkyl optionally substituted by one or more fluorine atoms, C3-6 cycloalkylmethyl optionally ring-substituted by one or more fluorine atoms; R2 = Ph optionally substituted by one or more fluorine atoms) and their pharmaceutically acceptable salts and solvates were prepd. Thus, (1S)-3-[3-(3-isopropyl-5-methyl-4H-1,2,4-triazol-4-yl)-exo-8-azabicyclo[3.2.1]oct-8-yl]-1-phenyl-1-propanamine, prepn. given, was treated with cyclobutanecarboxylic acid in presence of polymer bound N-benzyl-N'-cyclohexylcarbodiimide to give I (R1 = cyclobutyl, R2 = Ph). I had an IC50 value of less than 10nM in the assay for CCR5 binding.

IT **376348-65-1P**
RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of tropane derivs. as CCR5 receptor antagonists)

RN 376348-65-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

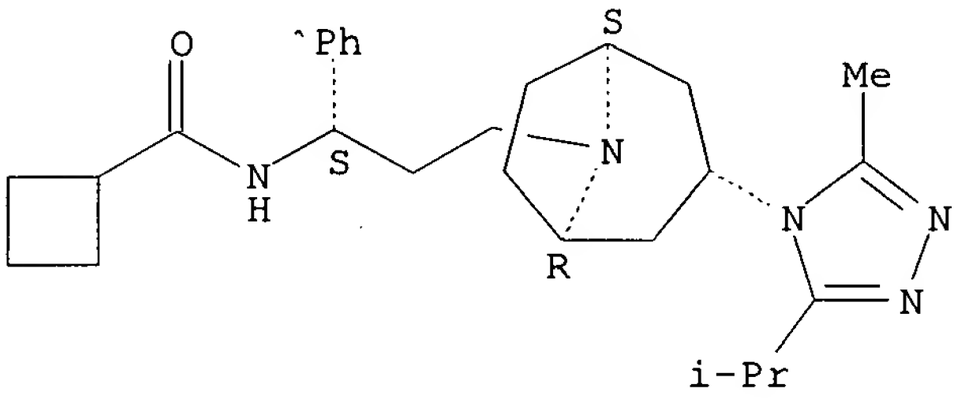
Absolute stereochemistry.



IT **376348-62-8P 376348-63-9P 376348-64-0P**
376348-66-2P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of tropane derivs. as CCR5 receptor antagonists)

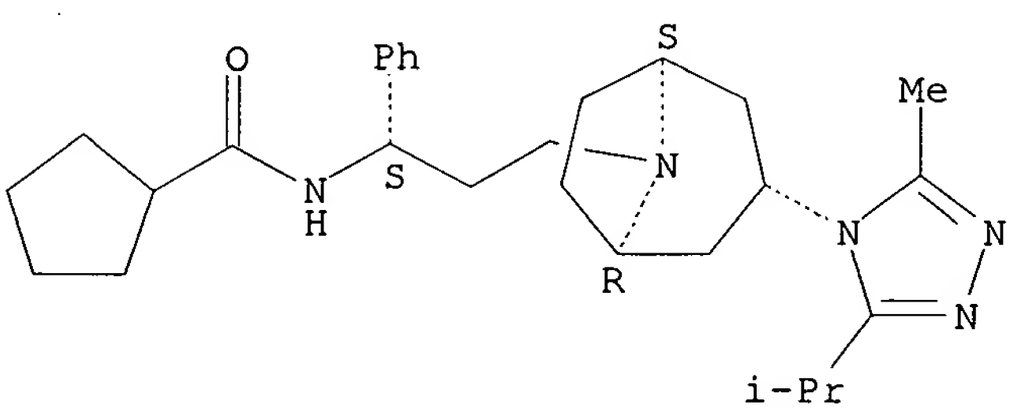
RN 376348-62-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry. Rotation (-).



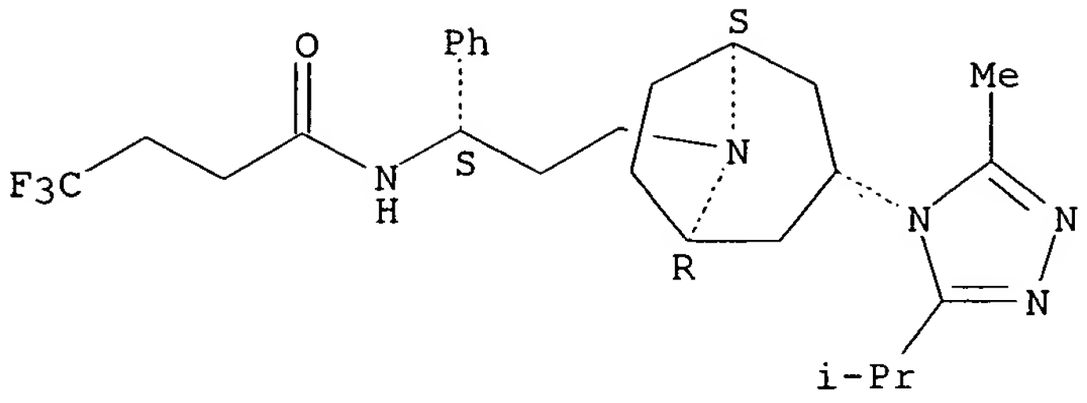
RN 376348-63-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry. Rotation (-).



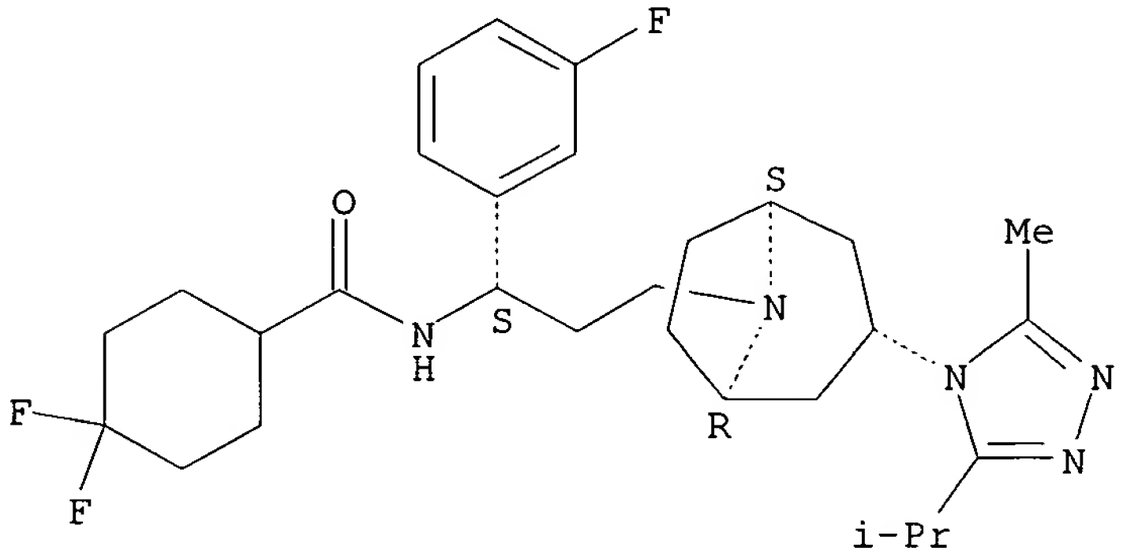
RN 376348-64-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry. Rotation (-).



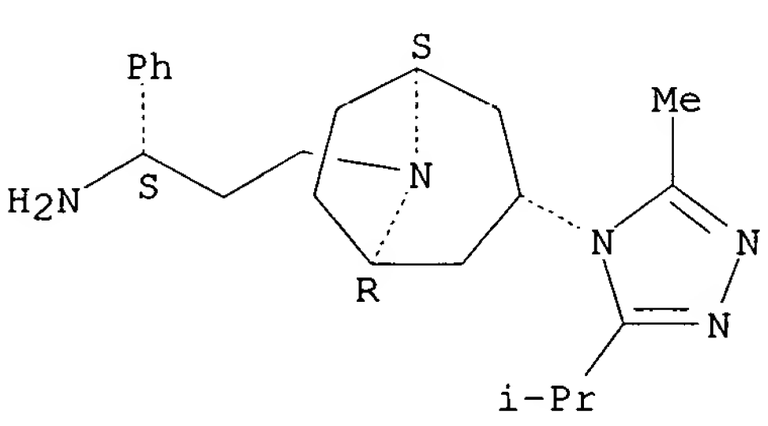
RN 376348-66-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



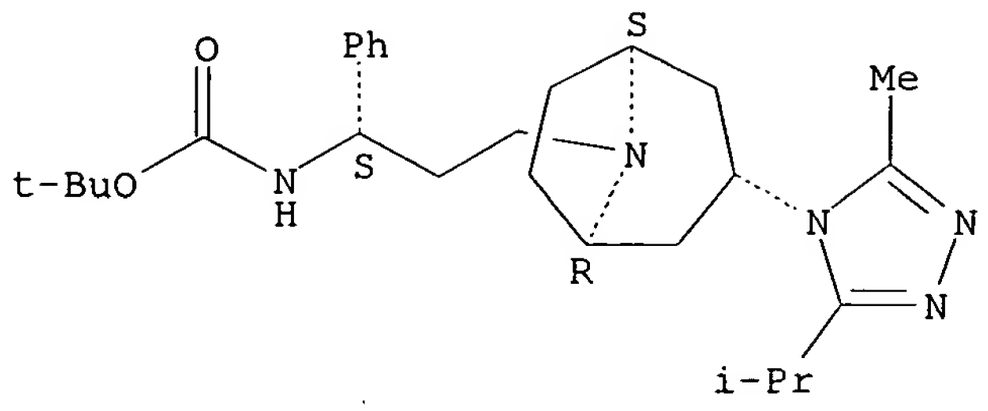
IT **376348-71-9**
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of tropane derivs. as CCR5 receptor antagonists)
RN 376348-71-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



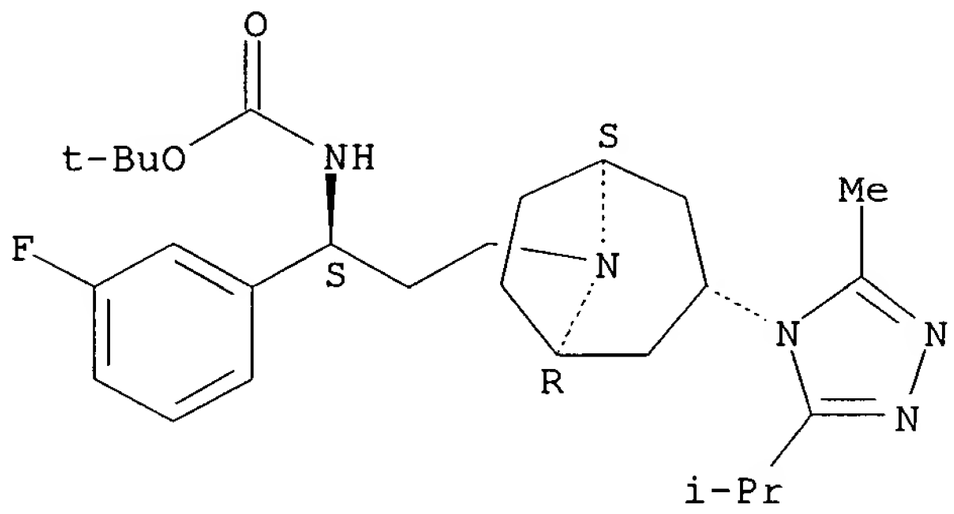
IT **376348-70-8P 376348-72-0P 376348-73-1P**
376348-80-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of tropane derivs. as CCR5 receptor antagonists)
RN 376348-70-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



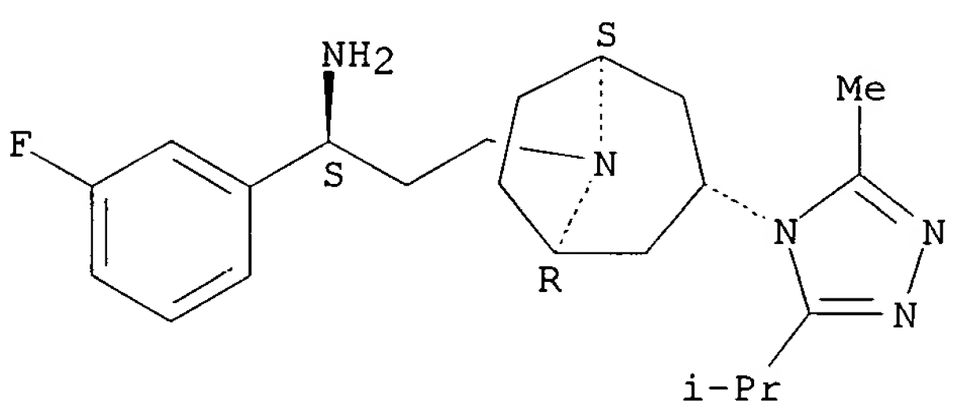
RN 376348-72-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



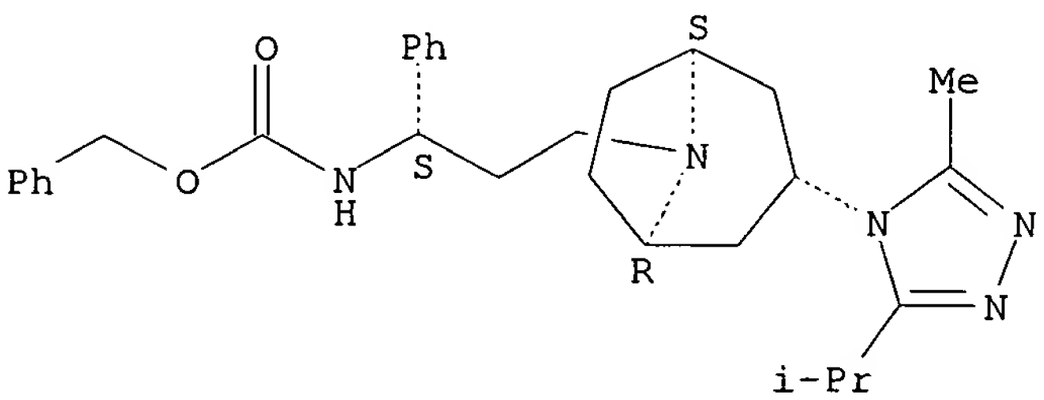
RN 376348-73-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 376348-80-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



=> d 1-7 fbib abs

L8 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2001 ACS
AN 2000:456881 CAPLUS
DN **133:89523**
TI Preparation of acylaminophenylpropylbenzimidazolylazabicycloalkanes and related compounds as CCR5 receptor modulators.
IN Armour, Duncan Robert; Price, David Anthony; Stammen, Blanda Luzia Christa; Wood, Anthony; Perros, Manoussos; Edwards, Martin Paul
PA Pfizer Ltd., UK; Pfizer, Inc.
SO PCT Int. Appl., 205 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000038680	A1	20000706	WO 1999-IB2048	19991223
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				GB 1998-28420	A 19981223
				GB 1999-21375	A 19990910
	EP 1140085	A1	20011010	EP 1999-959624	19991223
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
				GB 1998-28420	A 19981223
				GB 1999-21375	A 19990910
				WO 1999-IB2048	W 19991223
	BR 9917007	A	20011030	BR 1999-17007	19991223
				GB 1998-28420	A 19981223
				GB 1999-21375	A 19990910
				WO 1999-IB2048	W 19991223
	NO 2001003183	A	20010808	NO 2001-3183	20010625
				GB 1998-28420	A 19981223
				GB 1999-21375	A 19990910
				WO 1999-IB2048	W 19991223

PATENT FAMILY INFORMATION:
FAN 2000:441322

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1013276	A1	20000628	EP 1999-309589	19991130
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
				GB 1998-28420	A 19981223
				GB 1999-22702	A 19990925
	JP 2000212159	A2	20000802	JP 1999-363578	19991222
				GB 1998-28420	A 19981223
				GB 1999-22702	A 19990925

FAN 2000:457066

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000039125	A1	20000706	WO 1999-IB1913	19991201
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,				

CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

			GB 1998-28420	A 19981223
			GB 1999-22009	A 19990918
EP 1140920	A1	20011010	EP 1999-956267	19991201
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
			GB 1998-28420	A 19981223
			GB 1999-22009	A 19990918
			WO 1999-IB1913	W 19991201
BR 9916585	A	20011016	BR 1999-16585	19991201
			GB 1998-28420	A 19981223
			GB 1999-22009	A 19990918
			WO 1999-IB1913	W 19991201
NO 2001003149	A	20010823	NO 2001-3149	20010622
			GB 1998-28420	A 19981223
			GB 1999-22009	A 19990918
			WO 1999-IB1913	W 19991201

OS MARPAT 133:89523
AB RaRbRcRd [Ra = specified (substituted) arylheterocyclyl, amidoaryl, amidoheterocyclyl; Rb = specified (substituted) Et bridging unit; Rc = specified (substituted) azabicyclyl; Rd = specified (substituted) imidazolyl, pyrazolyl, heterocyclyl, amide, carbamate, urea moiety], were prepd. as CCR5 receptor modulators (no data). Thus, N-(3-oxo-1-phenylpropyl)cyclobutanecarboxamide (prepn. given), exo-1-(8-azabicyclo[3.2.1]oct-3-yl)-2-methyl-1H-benzimidazole (prepn. given), and Na(AcO)3BH were stirred 24 h in CH2Cl2/HOAc to give N-[3-[3-exo-(2-methyl-1H-benzimidazol-1-yl)-8-azabicyclo[3.2.1]oct-8-yl]-1-phenylpropyl]cyclobutanecarboxamide dihydrochloride.
RE.CNT 13
RE
(1) F Hoffmann-La Roche Ag; EP 0903349 A 1999 CAPLUS
(2) Leukosite Inc; WO 9802151 A 1998 CAPLUS
(3) Leukosite Inc; WO 9937617 A 1999 CAPLUS
(4) Leukosite Inc; WO 9937619 A 1999 CAPLUS
(5) Merck & Co Inc; WO 9825604 A 1998 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2001 ACS
AN 1999:354393 CAPLUS
DN **130:348561**
TI Preparation of bicyclic amines as insecticides
IN Salmon, Roger; Urch, Christopher John
PA Zeneca Limited, UK
SO PCT Int. Appl., 26 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9926478	A1	19990603	WO 1998-GB3098	19981015
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG,				

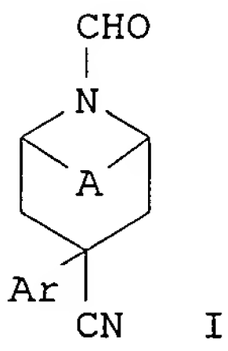
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

			GB 1997-24693	A 19971121
AU 9894518	A1	19990615	AU 1998-94518	19981015
			GB 1997-24693	A 19971121
			WO 1998-GB3098	W 19981015
EP 1033914	A1	20000913	EP 1998-947679	19981015

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

			GB 1997-24693	A 19971121
			WO 1998-GB3098	W 19981015
JP 2001523691	T2	20011127	JP 2000-521699	19981015
			GB 1997-24693	A 19971121
			WO 1998-GB3098	W 19981015
ZA 9810595	A	19990521	ZA 1998-10595	19981119
			GB 1997-24693	A 19971121
US 6294545	B1	20010925	US 2000-554423	20000512
			GB 1997-24693	A 19971121
			WO 1998-GB3098	W 19981015

OS MARPAT 130:348561
GI



I

AB The bicyclic amines I [A = XC:CY or XCHCHY; X, Y = H, OH, acyloxy, alkoxy, cyano or halo; Ar = (un)substituted Ph or heteroaryl; when A = CH2CH2, then Ar is neither 5-chloropyrid-3-yl nor 5-trifluoromethylpyrid-3-yl] and acid addn. salts, quaternary ammonium salts or N-oxides of I are prepd. ad insecticides, acaricides or nematocides.

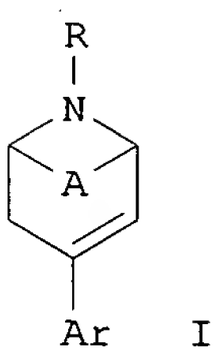
RE.CNT 3
RE
(1) Zeneca; GB 2301819 A 1996 CAPLUS
(2) Zeneca; WO 9637494 A 1996 CAPLUS
(3) Zeneca; WO 9743286 A 1997 CAPLUS

L8 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2001 ACS
AN 1998:708819 CAPLUS
DN **129:316150**
TI Preparation of bicyclic amine derivatives as pesticides
IN Godfrey, Christopher Richard Ayles; Salmon, Roger; Russell, Charles Adam
PA Zeneca Ltd., UK
SO PCT Int. Appl., 31 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9846600	A1	19981022	WO 1998-GB693	19980304
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
				GB 1997-6222	A 19970326
	AU 9865077	A1	19981111	AU 1998-65077	19980304
				GB 1997-6222	A 19970326
				WO 1998-GB693	W 19980304
	EP 971918	A1	20000119	EP 1998-910848	19980304
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
				GB 1997-6222	A 19970326
				WO 1998-GB693	W 19980304
	JP 2001521514	T2	20011106	JP 1998-543575	19980304
				GB 1997-6222	A 19970326
				WO 1998-GB693	W 19980304
	ZA 9802204	A	19980928	ZA 1998-2204	19980316
				GB 1997-6222	A 19970326

OS MARPAT 129:316150

GI



I

AB The title compds. [I; A = WXCCYZ, XC:CY; Ar = (un)substituted Ph, (un)substituted 5- or 6-membered unsatd., (benzo-fused) heterocyclyl with 1-3 N, O, S; R = H, CHO, cyano, (un)substituted C1-15 alkyl, aryl, aralkyl, (hetero)aryl, (aryl)alkenyl, etc., a proviso is given; W, X, Y, Z = H, OH, acyloxy, alkoxy, alkylsilyloxy, cyano, halo], useful as insecticides, acaricides and nematocides, were prepd. by dehydration of the parent aryl heterocyclyl alcs. For example, adding a THF soln. of 8-(2,2,2-trifluoroethyl)-8-azabicyclo[3.2.1]octan-3-one to lithiated 3.5-dibromopyridine in THF at -78.degree. and stirring the mixt. for 2 h at -60.degree. gave exo-3-(5-bromopyrid-3-yl)-endo-3-hydroxy-8-(2,2,2-trifluoroethyl)-8-azabicyclo[3.2.1]octane. This was dissolved in CH2Cl2, stirred with Et3N and MeSO2Cl under N for 1 h at 0.degree. and allowed to react at ambient temp. for .apprx.3 days to give a title compd. 3-(5-bromopyrid-3-yl)-8-(2,2,2-trifluoroethyl)-8-azabicyclo[3.2.1]oct-2-ene. The latter at 500 ppm gave 80-100% kill in a test against Tetranychus urticae. An emulsifiable conc., wettable powder, dusting powder, concd. liq., capsule suspension, aq. suspension conc. and H2O-dispersible granule formulation contg. 3-(6-chloropyrid-3-yl)-8-methyl-8-azabicyclo[3.2.1]oct-2-ene were given.

L8 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2001 ACS

AN 1998:402440 CAPLUS
DN **129:67708**
TI Preparation of 8-azabicyclo[3.2.1]octane, 8-azabicyclo[3.2.1]oct-6-ene, 9-azabicyclo[3.3.1]nonane, 9-aza-3-oxabicyclo[3.3.1]nonane, and 9-aza-3-thiabicyclo[3.3.1]nonane derivatives as insecticides
IN Urch, Christopher John; Lewis, Terence; Sunley, Raymond Leo; Salmon, Raymond; Godfrey, Christopher Richard Ayles; Brightwell, Christopher Ian; et al.
PA Zeneca Ltd., UK; Urch, Christopher John; Lewis, Terence; Sunley, Raymond Leo; Salmon, Raymond
SO PCT Int. Appl., 65 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9825924	A1	19980618	WO 1997-GB3054	19971106
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
			GB 1996-24516	A 19961126
			GB 1996-24611	A 19961126
			GB 1996-24614	A 19961126
AU 9748761	A1	19980703	AU 1997-48761	19971106
AU 719147	B2	20000504		
			GB 1996-24516	A 19961126
			GB 1996-24611	A 19961126
			GB 1996-24614	A 19961126
			WO 1997-GB3054	W 19971106
EP 944627	A1	19990929	EP 1997-911349	19971106
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
			GB 1996-24516	A 19961126
			GB 1996-24611	A 19961126
			GB 1996-24614	A 19961126
			WO 1997-GB3054	W 19971106
BR 9713136	A	20000208	BR 1997-13136	19971106
			GB 1996-24516	A 19961126
			GB 1996-24611	A 19961126
			GB 1996-24614	A 19961126
			WO 1997-GB3054	W 19971106
CN 1245499	A	20000223	CN 1997-181520	19971106
			GB 1996-24516	A 19961126
			GB 1996-24611	A 19961126
			GB 1996-24614	A 19961126
JP 2001506989	T2	20010529	JP 1998-526332	19971106
			GB 1996-24516	A 19961126
			GB 1996-24611	A 19961126
			GB 1996-24614	A 19961126
			WO 1997-GB3054	W 19971106
US 5968947	A	19991019	US 1997-969978	19971113
			GB 1996-24516	A 19961126
			GB 1996-24611	A 19961126
			GB 1996-24614	A 19961126

US 6174894	B1	20010116	US 1999-357749 19990721
			GB 1996-24611 A 19961126
			US 1997-969639 A319971113
US 6177442	B1	20010123	US 1999-357750 19990721
			GB 1996-24516 A 19961126
			GB 1996-24611 A 19961126
			GB 1996-24614 A 19961126
			US 1997-969978 A319971113
US 6291474	B1	20010918	US 2000-635879 20000810
			GB 1996-24516 A 19961126
			GB 1996-24611 A 19961126
			GB 1996-24614 A 19961126
			US 1997-969978 A319971113
			US 1999-357750 A319990721

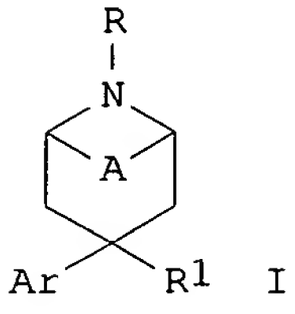
PATENT FAMILY INFORMATION:

FAN 1998:402439

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9825923	A1	19980618	WO 1997-GB2986	19971030
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
				GB 1996-24611	A 19961126
	AU 9747890	A1	19980703	AU 1997-47890	19971030
				GB 1996-24611	A 19961126
				WO 1997-GB2986	W 19971030
	EP 946553	A1	19991006	EP 1997-910543	19971030
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
				GB 1996-24611	A 19961126
				WO 1997-GB2986	W 19971030
	BR 9713429	A	20000201	BR 1997-13429	19971030
				GB 1996-24611	A 19961126
				WO 1997-GB2986	W 19971030
	CN 1245498	A	20000223	CN 1997-181522	19971030
				GB 1996-24611	A 19961126
	JP 2001506988	T2	20010529	JP 1998-526331	19971030
				GB 1996-24611	A 19961126
				WO 1997-GB2986	W 19971030
	US 6093726	A	20000725	US 1997-969639	19971113
				GB 1996-24611	A 19961126
	US 6174894	B1	20010116	US 1999-357749	19990721
				GB 1996-24611	A 19961126
				US 1997-969639	A319971113
	US 6177442	B1	20010123	US 1999-357750	19990721
				GB 1996-24516	A 19961126
				GB 1996-24611	A 19961126
				GB 1996-24614	A 19961126
				US 1997-969978	A319971113
	US 6291474	B1	20010918	US 2000-635879	20000810
				GB 1996-24516	A 19961126
				GB 1996-24611	A 19961126
				GB 1996-24614	A 19961126
				US 1997-969978	A319971113
				US 1999-357750	A319990721

OS MARPAT 129:67708

GI



I

AB Compds. of formula [I; A = a bidentate group of the formula CH2XCH2 (wherein X = methylene, O, or S), X'C:CY or X'WCCYZ (wherein X', W, Y, Z = H, OH, acyloxy, alkoxy, alkylsilyloxy, cyano or halogen, or X' and W or Y and Z together with the carbon to which they are attached form a carbonyl group), provided that A .noteq. CH2CH2; Ar = optionally substituted Ph or 5- or 6-membered heterocyclic ring system contg. from 1 to 3 heteroatoms individually selected from N, O and S atoms, and at least one unsatn. (double bond) between adjacent atoms in the ring, said heterocyclic ring being optionally fused to a benzene ring; R = H or cyano or a group selected from alkyl, aryl, heteroaryl, aralkyl, heteroarylalkyl, alkenyl, aralkenyl, alkynyl, alkoxycarbonyl, alkanesulfonyl, arenesulfonyl, alkenyloxycarbonyl, aralkyloxycarbonyl, aryloxycarbonyl, heterocyclylalkyl, carbamoyl, dithiocarboxyl, etc.; R1 = H, cyano, HO, alkyl, alkoxy, NH2, NO2, isocyanato, acylamino, hydroxyalkyl, optionally substituted heteroaryl, alkoxyalkyl, haloalkyl, halohydroxyalkyl, etc.; alkyl moieties of R comprise from 1 to 15 carbon atoms, and are optionally substituted with one or more substituents selected from, halogen, cyano, carboxyl, carboxyl acyl, etc.] or an acid addn. salt, quaternary ammonium salt or N-oxide derived therefrom are prepd. Also claimed are an insecticidal, acaricidal or nematicidal compn. comprising a compd. of formula I and a suitable carrier or diluent therefor and a method of combating and controlling insect, acarid or nematode pests at a locus which comprises treating the pests or the locus of the pests with an effective amt. of a compd. of formula I or a compn. as hereinbefore described. Thus, exo-3-cyano-9-methyl-9-azabicyclo[3.3.1]nonane and 3,5-dichloropyridine (prepn. given) in THF were treated dropwise with lithium bis(trimethylsilyl)amide, and the reaction mixt. was allowed to react ambient temp. for 18 h to give I [A = (CH2)3, Ar = exo-5-chloropyridyl, R = Me, R1 = endo-cyano], which at 500 ppm showed 80-100% mortality against peach aphid (Myzus persicae).

L8 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2001 ACS
AN 1998:402439 CAPLUS
DN **129:67707**
TI Preparation of 8-azabicyclo[3.2.1]octane derivatives as insecticides, acaricides, and nematocides.
IN Urch, Christopher John; Lewis, Terence; Sunley, Raymond Leo; Salmon, Roger; Godfrey, Christopher Richard Ayles; Brightwell, Christopher Ian
PA Zeneca Ltd., UK; Urch, Christopher John; Lewis, Terence; Sunley, Raymond Leo; Salmon, Roger; Godfrey, Christopher Richard Ayles; Brightwell, Christopher Ian
SO PCT Int. Appl., 53 pp.
CODEN: PIXXD2
DT Patent
LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9825923	A1	19980618	WO 1997-GB2986	19971030
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
				GB 1996-24611	A 19961126
	AU 9747890	A1	19980703	AU 1997-47890	19971030
				GB 1996-24611	A 19961126
				WO 1997-GB2986	W 19971030
	EP 946553	A1	19991006	EP 1997-910543	19971030
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
				GB 1996-24611	A 19961126
				WO 1997-GB2986	W 19971030
	BR 9713429	A	20000201	BR 1997-13429	19971030
				GB 1996-24611	A 19961126
				WO 1997-GB2986	W 19971030
	CN 1245498	A	20000223	CN 1997-181522	19971030
				GB 1996-24611	A 19961126
	JP 2001506988	T2	20010529	JP 1998-526331	19971030
				GB 1996-24611	A 19961126
				WO 1997-GB2986	W 19971030
	US 6093726	A	20000725	US 1997-969639	19971113
				GB 1996-24611	A 19961126
	US 6174894	B1	20010116	US 1999-357749	19990721
				GB 1996-24611	A 19961126
				US 1997-969639	A3 19971113
	US 6177442	B1	20010123	US 1999-357750	19990721
				GB 1996-24516	A 19961126
				GB 1996-24611	A 19961126
				GB 1996-24614	A 19961126
				US 1997-969978	A3 19971113
	US 6291474	B1	20010918	US 2000-635879	20000810
				GB 1996-24516	A 19961126
				GB 1996-24611	A 19961126
				GB 1996-24614	A 19961126
				US 1997-969978	A3 19971113
				US 1999-357750	A3 19990721

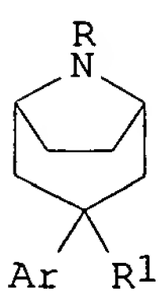
PATENT FAMILY INFORMATION:

FAN 1998:402440

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9825924	A1	19980618	WO 1997-GB3054	19971106
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
				GB 1996-24516	A 19961126
				GB 1996-24611	A 19961126
				GB 1996-24614	A 19961126

AU 9748761	A1	19980703	AU 1997-48761 19971106
AU 719147	B2	20000504	
			GB 1996-24516 A 19961126
			GB 1996-24611 A 19961126
			GB 1996-24614 A 19961126
			WO 1997-GB3054 W 19971106
EP 944627	A1	19990929	EP 1997-911349 19971106
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
			GB 1996-24516 A 19961126
			GB 1996-24611 A 19961126
			GB 1996-24614 A 19961126
			WO 1997-GB3054 W 19971106
BR 9713136	A	20000208	BR 1997-13136 19971106
			GB 1996-24516 A 19961126
			GB 1996-24611 A 19961126
			GB 1996-24614 A 19961126
			WO 1997-GB3054 W 19971106
CN 1245499	A	20000223	CN 1997-181520 19971106
			GB 1996-24516 A 19961126
			GB 1996-24611 A 19961126
			GB 1996-24614 A 19961126
JP 2001506989	T2	20010529	JP 1998-526332 19971106
			GB 1996-24516 A 19961126
			GB 1996-24611 A 19961126
			GB 1996-24614 A 19961126
			WO 1997-GB3054 W 19971106
US 5968947	A	19991019	US 1997-969978 19971113
			GB 1996-24516 A 19961126
			GB 1996-24611 A 19961126
			GB 1996-24614 A 19961126
US 6174894	B1	20010116	US 1999-357749 19990721
			GB 1996-24611 A 19961126
			US 1997-969639 A319971113
US 6177442	B1	20010123	US 1999-357750 19990721
			GB 1996-24516 A 19961126
			GB 1996-24611 A 19961126
			GB 1996-24614 A 19961126
			US 1997-969978 A319971113
US 6291474	B1	20010918	US 2000-635879 20000810
			GB 1996-24516 A 19961126
			GB 1996-24611 A 19961126
			GB 1996-24614 A 19961126
			US 1997-969978 A319971113
			US 1999-357750 A319990721

OS MARPAT 129:67707
GI



I

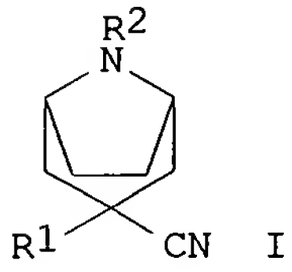
AB Title compds. [I; Ar = (substituted) Ph, 5- or 6-membered heterocyclyl; R = H, cyano, alkyl, aryl, heteroaryl, aralkyl, heteroarylalkyl, alkenyl, aralkenyl, alkynyl, alkoxycarbonyl, alkanesulfonyl, arenesulfonyl, alkenyloxycarbonyl, aralkyloxycarbonyl, aryloxycarbonyl, heterocyclylalkyl, carbamyl, dithiocarboxyl, etc.; R1 = H, OH, alkyl, alkoxy, amino, NO2, isocyanato, acylamino, hydroxyalkyl, (substituted) heteroaryl, alkoxyalkyl, etc.; with provisos], were prepd. Thus, 2,5-dimethoxytetrahydrofuran, 2,2,2-trifluoroethylamine hydrochloride, acetonedicarboxylic acid, and NaOAc were stirred 2 days in H2O contg. HCl to give 8-(2,2,2-trifluoroethyl)-8-azabicyclo[3.2.1]octan-3-one. This was treated with tosylmethyl isocyanide in 1,2-dimethoxyethane/ethanol to give exo-3-cyano-8-(2,2,2-trifluoroethyl)-8-azabicyclo[3.2.1]octane. The latter in THF was treated with LDA and 3,5-dichloropyridine at -25.degree. to room temp. and the product was reduced with LiAlH4 in Et2O at -10.degree. to give exo-3-(5-chloropyrid-3-yl)-endo-3-formyl-8-(2,2,2-trifluoroethyl)-8-azabicyclo[3.2.1]octane. The latter at 500 ppm on cabbage leaves gave 80-100% kill of Myzus persicae.

L8 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2001 ACS
AN 1998:352836 CAPLUS
DN **129:27892**
TI Preparation and insecticidal, acaricidal, and nematocidal activities of bicyclic amine derivatives
IN Urch, Christopher John; Lewis, Terence; Sunley, Raymond Leo
PA Zeneca Ltd., UK; Urch, Christopher John; Lewis, Terence; Sunley, Raymond Leo
SO PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9822463	A1	19980528	WO 1997-GB2990	19971030
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
			GB 1996-24114	A 19961120
AU 9747893	A1	19980610	AU 1997-47893	19971030
			GB 1996-24114	A 19961120
			WO 1997-GB2990	W 19971030
EP 942909	A1	19990922	EP 1997-910547	19971030
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
			GB 1996-24114	A 19961120
			WO 1997-GB2990	W 19971030
CN 1237973	A	19991208	CN 1997-199806	19971030
			GB 1996-24114	A 19961120
BR 9713120	A	20000411	BR 1997-13120	19971030
			GB 1996-24114	A 19961120
			WO 1997-GB2990	W 19971030
JP 2001504477	T2	20010403	JP 1998-523305	19971030
			GB 1996-24114	A 19961120
			WO 1997-GB2990	W 19971030
US 5849754	A	19981215	US 1997-969634	19971113
			GB 1996-24114	A 19961120

KR 2000057147 A 20000915 KR 1999-704421 19990519
GB 1996-24114 A 19961120

OS MARPAT 129:27892
GI



I

AB Bicyclic amine derivs. I [R1 = optionally substituted 5-membered heterocyclic ring system contg. from 1 to 3 heteroatoms individually selected from nitrogen, oxygen and sulfur atoms, and at least one unsatn. (double bond) between adjacent atoms in the ring; R2 = hydrogen, cyano alkyl, aryl, heteroaryl, aralkyl, heteroarylalkyl, alkenyl, aralkenyl, alkynyl, alkoxycarbonyl, alkanesulfonyl, arenesulfonyl, alkenyloxycarbonyl, aralkyloxycarbonyl, aryloxycarbonyl, heterocyclylalkyl, carbamyl, dithiocarboxyl, XR3 (X = oxygen, NR4); R3, R4 = hydrogen, alkyl, aryl, heteroaryl, aralkyl, heteroarylalkyl, alkenyl, aralkenyl, alkynyl, heterocyclylalkyl, alkoxycarbonyl or carboxylic acyl], useful as insecticides, acaricides, and nematocides, were prepd.

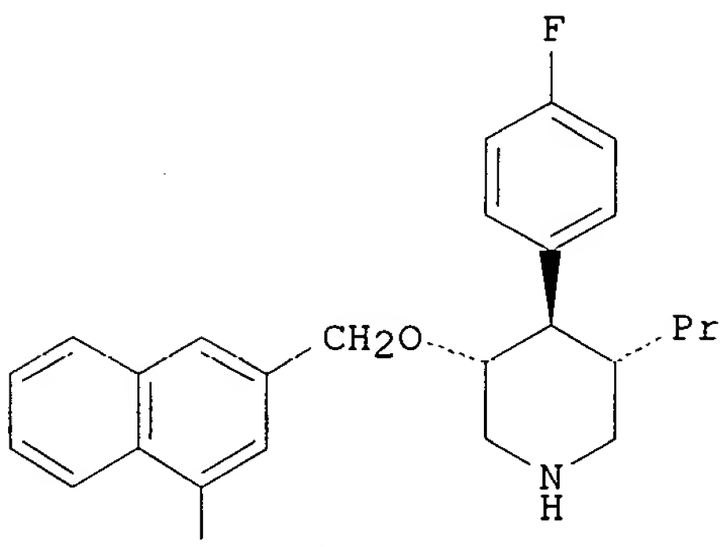
L8 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2001 ACS
AN 1997:307688 CAPLUS
DN **126:277402**
TI New 4-aryl-3-aralkoxypiperidines and -azabicyclooctanes for treating heart and kidney insufficiency
IN Binggeli, Alfred; Breu, Volker; Bur, Daniel; Fischli, Walter; Gueller, Rolf; Hirth, Georges; Maerki, Hans-Peter; Mueller, Marcel; Oefner, Christian; Stadler, Heinz; Vieira, Eric; Wilhelm, Maurice; Wostl, Wolfgang
PA F. Hoffmann-La Roche Ag, Switz.
SO PCT Int. Appl., 492 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9709311	A1	19970313	WO 1996-EP3803	19960829
W: AU, BR, CA, CN, CZ, HU, IL, JP, KR, MX, NO, NZ, PL, RU, SG, TR				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
			CH 1995-2548	A 19950907
			CH 1996-1876	A 19960726
CA 2230931	AA	19970313	CA 1996-2230931	19960829
			CH 1995-2548	A 19950907
			CH 1996-1876	A 19960726
AU 9667432	A1	19970327	AU 1996-67432	19960829
AU 708616	B2	19990805		
			CH 1995-2548	A 19950907
			CH 1996-1876	A 19960726
			WO 1996-EP3803	W 19960829
EP 863875	A1	19980916	EP 1996-927715	19960829
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
			CH 1995-2548	A 19950907

			CH 1996-1876	A 19960726
			WO 1996-EP3803	W 19960829
CN 1202152	A	19981216	CN 1996-197674	19960829
			CH 1995-2548	A 19950907
			CH 1996-1876	A 19960726
JP 11500447	T2	19990112	JP 1996-510837	19960829
			CH 1995-2548	A 19950907
			CH 1996-1876	A 19960726
			WO 1996-EP3803	W 19960829
BR 9610385	A	19990706	BR 1996-10385	19960829
			CH 1995-2548	A 19950907
			CH 1996-1876	A 19960726
			WO 1996-EP3803	W 19960829
ZA 9607424	A	19970307	ZA 1996-7424	19960902
			CH 1995-2548	A 19950907
NO 9800954	A	19980428	NO 1998-954	19980305
			CH 1995-2548	A 19950907
			CH 1996-1876	A 19960726
			WO 1996-EP3803	W 19960829
US 6051712	A	20000418	US 1999-255185	19990222
			CH 1995-2548	A 19950907
			CH 1996-1876	A 19960726
			US 1996-711339	A319960906
US 6150526	A	20001121	US 1999-456283	19991207
			CH 1995-2548	A 19950907
			CH 1996-1876	A 19960726
			US 1996-711339	B319960906
			US 1999-255185	A119990222

OS MARPAT 126:277402

GI



OCH_2Ph I

AB New piperidine and azabicyclooctane derivs. (> 1000 compds.) are renin inhibitors for treatment of high blood pressure, heart and kidney insufficiency. Thus, the piperidine deriv. I was prepd. from 1-benzyl-3-propyl-4-piperidinone by reaction with 4-FC6H4Br, followed by 1-benzyloxy-3-chloromethylnaphthalene and deblocking. I had a renin-inhibiting IC50 of 0.317 .mu.M.